

## INTERNATIONAL COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>RLL-308WO</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/IB 03/05140</b>	International filing date (day/month/year) <b>13/11/2003</b>	(Earliest) Priority Date (day/month/year) <b>15/11/2002</b>
Applicant <b>RANBAXY LABORATORIES LIMITED</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
  - the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :
  - contained in the international application in written form.
  - filed together with the international application in computer readable form.
  - furnished subsequently to this Authority in written form.
  - furnished subsequently to this Authority in computer readable form.
  - the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
  - the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2.  Certain claims were found unsearchable (See Box I).

3.  Unity of invention is lacking (see Box II).

4. With regard to the title,

- the text is approved as submitted by the applicant.
- the text has been established by this Authority to read as follows:

**PHARMACEUTICAL COMPOSITIONS CONTAINING ABIGUANIDE-GLITAZONE COMBINATION**

5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.

None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/03/05140A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61K31/425 A61K31/427 A61K9/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	<p>US 2003/187074 A1 (J.HUSSAIN ET AL.) 2 October 2003 (2003-10-02)</p> <p>claims example 4 column 4, paragraphs 38-42 page 5, paragraph 45 page 5, paragraph 55 page 5, paragraph 57 page 6, paragraphs 60-64 page 5, paragraph 47</p> <p>-/-</p>	1-5, 8-15, 18-20, 28-30, 38-41, 44-51, 54-58, 66-69, 72-79, 82-90, 93, 94

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

18 February 2004

04/03/2004

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/03/05140

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	--- WO 01 82904 A (AEROPHARM) 8 November 2001 (2001-11-08) cited in the application claims ---	1-94
A	WO 01 82867 A (AEROPHARM) 8 November 2001 (2001-11-08) claims ---	1-94
A	WO 01 82875 A (AEROPHARM) 8 November 2001 (2001-11-08) cited in the application claims ---	1-94
A	US 6 166 043 A (H. IKEDA ET AL.) 26 December 2000 (2000-12-26) cited in the application claims examples -----	1-94

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB 03/05140

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:  

Although claims 86-94 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/US 03/05140

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003187074	A1	02-10-2003	NONE		
WO 0182904	A	08-11-2001	US 6296874 B1		02-10-2001
			AU 2753201 A		12-11-2001
			WO 0182904 A1		08-11-2001
			WO 03005993 A1		23-01-2003
			WO 03005994 A1		23-01-2003
			US 2001036478 A1		01-11-2001
			US 2001034374 A1		25-10-2001
WO 0182867	A	08-11-2001	AU 5745601 A		12-11-2001
			CA 2407713 A1		08-11-2001
			EP 1278513 A2		29-01-2003
			WO 0182867 A2		08-11-2001
WO 0182875	A	08-11-2001	AU 2753501 A		12-11-2001
			WO 0182875 A2		08-11-2001
			US 6403121 B1		11-06-2002
			US 2001046515 A1		29-11-2001
US 6166043	A	26-12-2000	US 5965584 A		12-10-1999
			AT 256463 T		15-01-2004
			AU 723097 B2		17-08-2000
			AU 5603496 A		09-01-1997
			CA 2179584 A1		21-12-1996
			CN 1145783 A		26-03-1997
			CZ 9601811 A3		15-01-1997
			CZ 292093 B6		16-07-2003
			DE 69631157 D1		29-01-2004
			EP 1174135 A2		23-01-2002
			EP 0749751 A2		27-12-1996
			EP 0861666 A2		02-09-1998
			HU 9601698 A2		28-05-1997
			JP 3148973 B2		26-03-2001
			JP 9067271 A		11-03-1997
			JP 10167986 A		23-06-1998
			NO 962606 A		23-12-1996
			NO 20004345 A		23-12-1996
			NO 20021172 A		23-12-1996
			RU 2198682 C2		20-02-2003
			SK 79496 A3		08-01-1997
			TW 438587 B		07-06-2001
			US 2002123512 A1		05-09-2002
			US 2002128289 A1		12-09-2002
			US 6150383 A		21-11-2000
			US 6169099 B1		02-01-2001
			US 6133293 A		17-10-2000
			US 6166042 A		26-12-2000
			US 6214848 B1		10-04-2001
			US 6150384 A		21-11-2000
			US 6172089 B1		09-01-2001
			US 6172090 B1		09-01-2001
			US 6121295 A		19-09-2000
			US 6156773 A		05-12-2000
			US 6174904 B1		16-01-2001
			US 6121294 A		19-09-2000
			US 6225326 B1		01-05-2001
			US 6080765 A		27-06-2000

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/03/05140

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 6166043	A	US	6133295 A	17-10-2000
		US	6103742 A	15-08-2000
		US	6169100 B1	02-01-2001
		US	6329404 B1	11-12-2001
		US	2003216443 A1	20-11-2003
		US	6303640 B1	16-10-2001
		US	6211205 B1	03-04-2001
		US	6288090 B1	11-09-2001
		US	6232330 B1	15-05-2001
		US	6218409 B1	17-04-2001
		US	6323225 B1	27-11-2001
		US	6251924 B1	26-06-2001